

WHAT IS CLAIMED IS:

- 1 1. A method of selecting an active microphone in a
2 telephone circuit comprising:
 - 3 determining whether a first microphone is connected to
4 the telephone circuit; and
 - 5 disconnecting a second microphone when the first
6 microphone is connected, wherein the first microphone and the
second microphone share a bias circuit.
- 2 2. The method of Claim 1, further comprising
disconnected the second microphone by opening a switch.
- 3 3. The method of Claim 2, further comprising opening a
single pole, single throw switch.
- 2 4. The method of Claim 1, further comprising detecting
a bias current to determine whether the first microphone is
3 connected.
- 1 5. The method of Claim 1, further comprising the first
2 microphone being a headset microphone.
- 1 6. The method of Claim 1, further the second microphone
2 being a handset microphone.

1 7. The method of Claim 1, further comprising connecting
2 the second microphone to the telephone circuit when the first
3 microphone is disconnected.

1 8. The method of Claim 7, further comprising
2 determining the first microphone is disconnected by sensing a
3 lack of bias current.

1 9. A telephone switch circuit comprising:
2
3 a bias circuit connected to a microphone amplifier; and
4
5 a switch which connects either a first microphone or a
second microphone to the bias circuit, wherein the switch
connects the first microphone to the circuit when the first
microphone is present.

1 10. The telephone switch circuit of Claim 9, wherein the
2 switch is a single pole, single throw switch.

1 11. The telephone switch circuit of Claim 9, wherein the
2 first microphone is a headset microphone.

1 12. The telephone switch circuit of Claim 9, wherein the
2 second microphone is a handset microphone.

1 13. The telephone switch circuit of Claim 9, wherein the
2 switch opens to disconnect the second microphone from the bias
3 circuit when the first microphone is detected.

1 14. The telephone switch circuit of Claim 13, wherein
2 the first microphone is detected by sensing a bias current
3 flowing through the bias circuit.